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| | |
|----------------|---|
| NEWS 1 | Web Page for STN Seminar Schedule - N. America |
| NEWS 2 OCT 02 | CA/Caplus enhanced with pre-1907 records from Chemisches Zentralblatt |
| NEWS 3 OCT 19 | BEILSTEIN updated with new compounds |
| NEWS 4 NOV 15 | Derwent Indian patent publication number format enhanced |
| NEWS 5 NOV 19 | WPIX enhanced with XML display format |
| NEWS 6 NOV 30 | ICSS reloaded with enhancements |
| NEWS 7 DEC 04 | LINPADOCDB now available on STN |
| NEWS 8 DEC 14 | BEILSTEIN pricing structure to change |
| NEWS 9 DEC 17 | USPATOLD added to additional database clusters |
| NEWS 10 DEC 17 | IMSDRUGCON removed from database clusters and STN |
| NEWS 11 DEC 17 | DGENE now includes more than 10 million sequences |
| NEWS 12 DEC 17 | TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment |
| NEWS 13 DEC 17 | MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary |
| NEWS 14 DEC 17 | CA/Caplus enhanced with new custom IPC display formats |
| NEWS 15 DEC 17 | STN Viewer enhanced with full-text patent content from USPATOLD |
| NEWS 16 JAN 02 | STN pricing information for 2008 now available |
| NEWS 17 JAN 16 | CAS patent coverage enhanced to include exemplified prophetic substances |
| NEWS 18 JAN 28 | USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats |
| NEWS 19 JAN 28 | MARPAT searching enhanced |
| NEWS 20 JAN 28 | USGENE now provides USPTO sequence data within 3 days of publication |
| NEWS 21 JAN 28 | TOXCENTER enhanced with reloaded MEDLINE segment |
| NEWS 22 JAN 28 | MEDLINE and LMEDLINE reloaded with enhancements |
| NEWS 23 FEB 08 | STN Express, Version 8.3, now available |
| NEWS 24 FEB 20 | PCI now available as a replacement to DPCI |
| NEWS 25 FEB 25 | IFIREF reloaded with enhancements |
| NEWS 26 FEB 25 | IMSPRODUCT reloaded with enhancements |
| NEWS 27 FEB 29 | WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification |

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

| | |
|------------|---|
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 07:44:41 ON 06 MAR 2008

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COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          0.21          0.21
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FILE 'REGISTRY' ENTERED AT 07:44:54 ON 06 MAR 2008
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STRUCTURE FILE UPDATES: 4 MAR 2008 HIGHEST RN 1006657-22-2
DICTIONARY FILE UPDATES: 4 MAR 2008 HIGHEST RN 1006657-22-2

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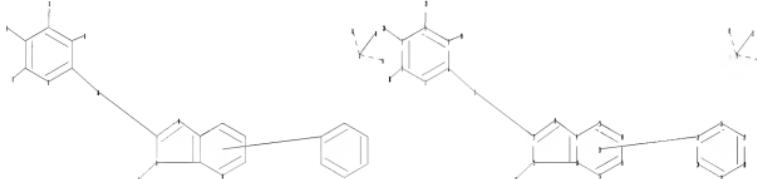
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stndgen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10573484.str



chain nodes :

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ring nodes :
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chain bonds :
2-18 3-20 4-21 5-19 6-7 7-12 11-17 29-31 29-32 29-33
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 9-13 10-11 10-16 11-12 13-14
14-15 15-16 23-24 23-28 24-25 25-26 26-27 27-28
exact/norm bonds :
4-21 6-7 7-12 8-9 8-12 10-11 11-12 29-31 29-32 29-33
exact bonds :
2-18 3-20 5-19 11-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-13 10-16 13-14 14-15 15-16 23-24 23-28
24-25 25-26 26-27 27-28
isolated ring systems :
containing 1 : 8 : 23 :

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Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:Atom  9:Atom  10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS
30:Atom 31:CLASS 32:CLASS 33:CLASS

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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1 STR

Structure attributes must be viewed using STN Express query preparation.

=> s 11
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SAMPLE SCREEN SEARCH COMPLETED - 36 TO ITERATE

100.0% PROCESSED 36 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 360 TO 1080
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s 11 full
FULL SEARCH INITIATED 07:45:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 605 TO ITERATE

100.0% PROCESSED 605 ITERATIONS 38 ANSWERS
SEARCH TIME: 00.00.01

L3 38 SEA SSS FUL L1

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COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
178.36 178.57

FILE 'CAPLUS' ENTERED AT 07:45:35 ON 06 MAR 2008
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FILE LAST UPDATED: 5 Mar 2008 (20080305/ED)

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=> s 13 full 3 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:300447 CAPLUS

DOCUMENT NUMBER: 142:373838

TITLE: Preparation of imidazopyridine derivatives as inducible NO-synthase inhibitors

INVENTOR(S): Fuchss, Thomas; Martin, Thomas; Boer, Rainer; Strub, Andreas; Eltze, Manfrid; Lehner, Martin; Ulrich, Wolf-Ruediger

PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

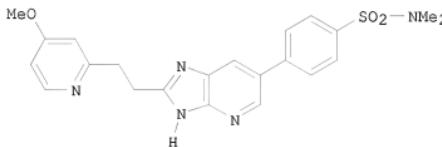
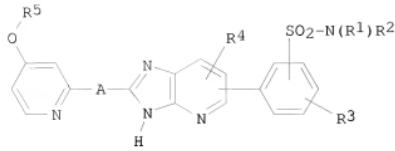
FAMILY ACC. NUM. COUNT: 1

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| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
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| EP 1675854 | A1 | 20060705 | EP 2004-787263 | 20040930 |
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| CN 1856491 | A | 20061101 | CN 2004-80027592 | 20040930 |
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| JP 2007507467 | T | 20070329 | JP 2006-530264 | 20040930 |
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| MX 2006PA03349 | A | 20060608 | MX 2006-PA3349 | 20060324 |
| US 2007043073 | A1 | 20070222 | US 2006-573484 | 20060324 |
| IN 2006MN00475 | A | 20070316 | IN 2006-MN475 | 20060424 |
| PRIORITY APPLN. INFO.: | | | EP 2003-22053 | A 20031001 |
| | | | WO 2004-EP52378 | W 20040930 |

OTHER SOURCE(S): CASREACT 142:373838; MARPAT 142:373838

GI



AB Title compds. I [R1 = H, alkyl; R2 = H, alkyl; R3 = H, halo; R4 = H, halo, alkyl, alkoxy; R5 = alkyl; A = alkylene] and their resp. pharmaceutically acceptable salts, are prepared and disclosed as inducible NO-synthase inhibitors. Thus, e.g., II was prepared via Suzuki coupling of 2-[2-(4-methoxyphenyl-2-yl)ethyl]-6-ido-3H-imidazo[4,5-b]pyridine (preparation given) with N,N-dimethyl-4-bromobenzenesulfonamide. The activity of I towards inducible NO-synthase was evaluated in inhibition assays and revealed -logIC50 values in the range of 7.45 up to 7.86 mol/L. I as inducible NO-synthase inhibitors should prove useful in the treatment of acute and chronic inflammatory diseases.

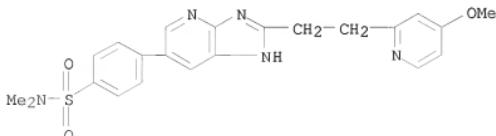
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849357-57-9P 849357-58-0P 849357-59-1P

RL: PAC (Pharmacological activity); **SPN:** (Synthetic preparation); **THU:** (Therapeutic use); **BIOL:** (Biological study); **PREP:** (Preparation); **USES:** (Uses)

(preparation of imidazopyridine derivs. as inducible NO-synthase inhibitors)

RN 849357-47-7 CAPLUS

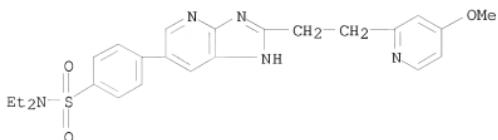
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RN 849357-48-8 CAPLUS

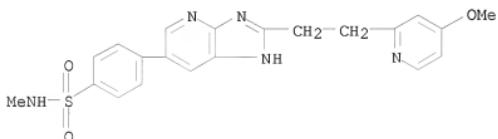
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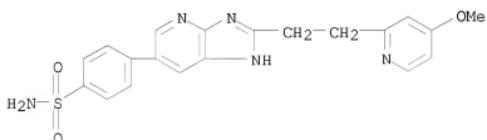
RN 849357-49-9 CAPLUS

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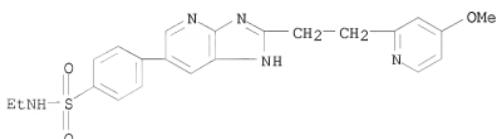
RN 849357-50-2 CAPLUS

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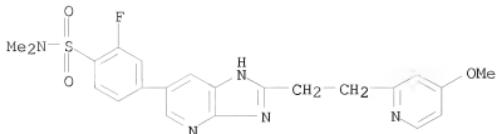
RN 849357-51-3 CAPLUS

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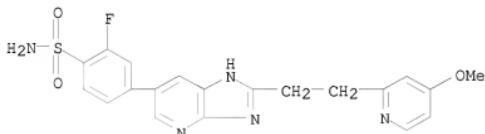


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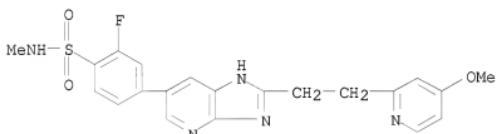
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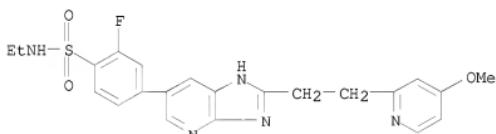
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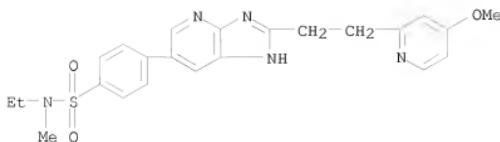
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 CN Benzenesulfonamide, 2-fluoro-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



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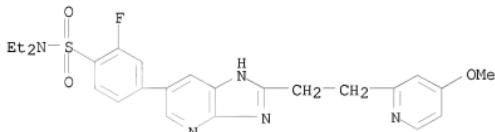


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 CN Benzenesulfonamide, N-ethyl-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



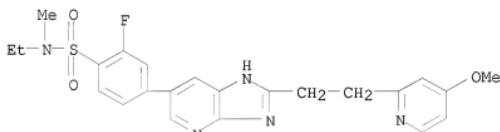
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CN Benzenesulfonamide, N,N-diethyl-2-fluoro-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



RN 849357-59-1 CAPLUS

CN Benzenesulfonamide, N-ethyl-2-fluoro-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:300446 CAPLUS

DOCUMENT NUMBER: 142:373837

TITLE: Preparation of imidazopyridine derivatives as inducible NO-synthase inhibitors

INVENTOR(S): Fuchss, Thomas; Martin, Thomas; Boer, Rainer; Strub, Andreas; Eltze, Manfrid; Lehner, Martin; Ulrich, Wolf-Ruediger

PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

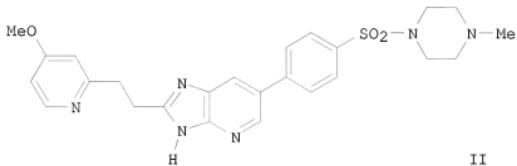
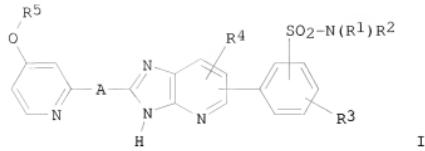
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| MX 2006PA03351 | A | 20060608 | MX 2006-PA3351 | 20060324 |
| US 2006293302 | A1 | 20061228 | US 2006-573202 | 20060324 |
| US 7279488 | B2 | 20071009 | | |
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OTHER SOURCE(S): CASREACT 142:373837; MARPAT 142:373837

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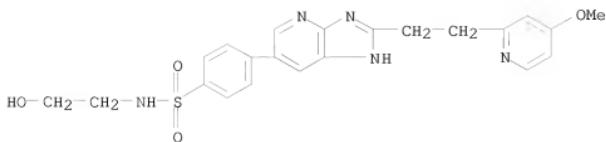


AB Title compds. I [R1 = H, alkyl, cycloalkyl, etc.; R2 = H, alkoxyalkyl, hydroxylalkyl, etc.; R3 = alkyl, CF₃, completely or predominantly F-substituted alkoxy, etc.; R1 and R2 together = (un)saturated-, (un)substituted-nitrogen heterocycle; R4 = H, halo, alkyl, alkoxy; R5 = alkyl; A = alkylene] and their resp. pharmaceutically acceptable salts, are prepared and disclosed as inducible NO-synthase inhibitors. Thus, e.g., II was prepared via Suzuki coupling of 2-[2-(4-methoxypyridin-2-yl)ethyl]-6-iodo-3H-imidazo[4,5-b]pyridine (preparation given) with 1-(4-bromo-benzene-sulfonyl)-4-methyl-piperazine. The activity of I towards inducible NO-synthase was evaluated in inhibition assays and revealed -logIC₅₀ values in the range of 6.51 up to 7.89 mol/L. I as inducible NO-synthase inhibitors should prove useful in the treatment of acute and chronic inflammatory diseases.

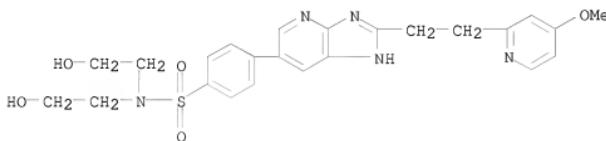
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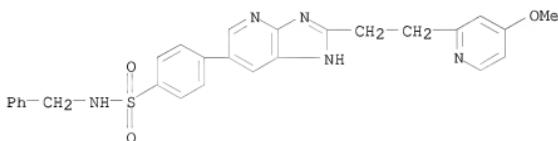
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 849530-98-9 CAPLUS
CN Benzenesulfonamide, N-(2-hydroxyethyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



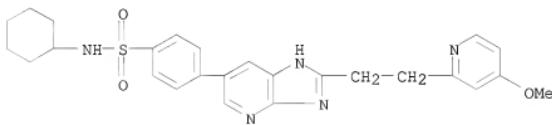
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CN Benzenesulfonamide, N,N-bis(2-hydroxyethyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



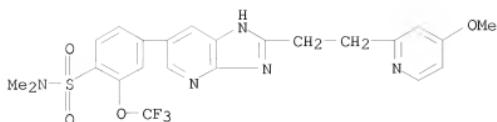
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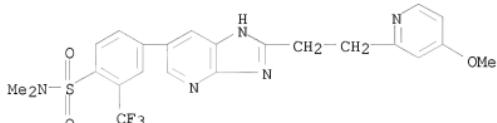
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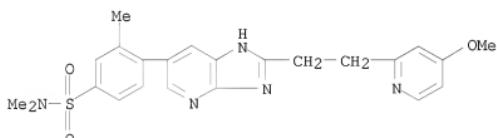
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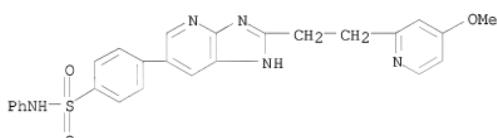
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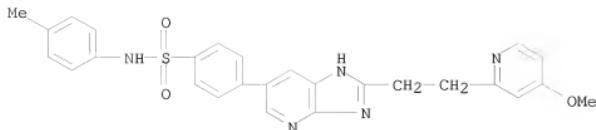
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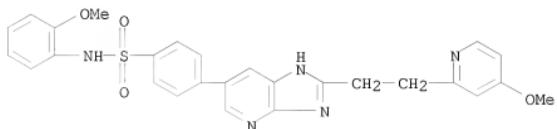
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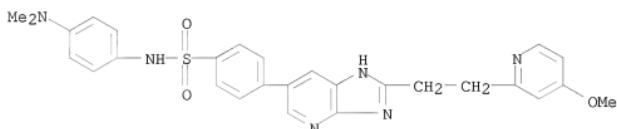
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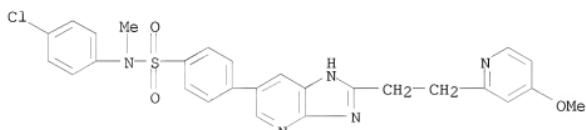
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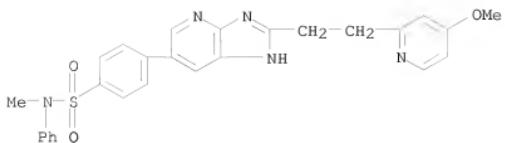
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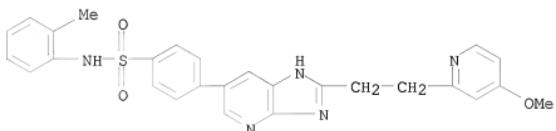
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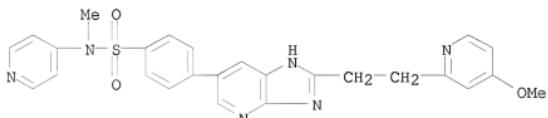
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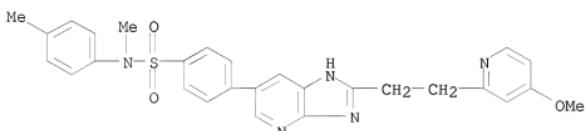
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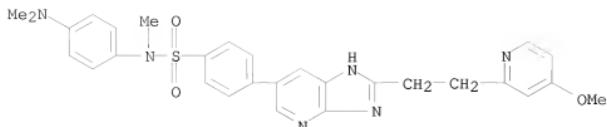
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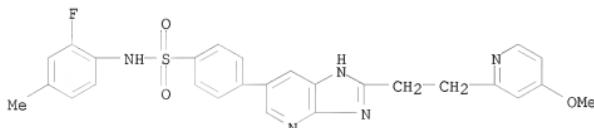
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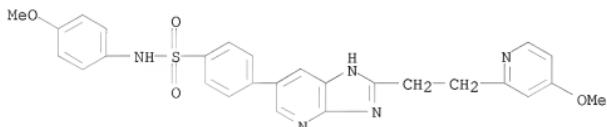
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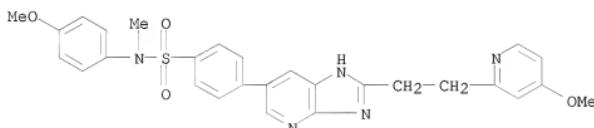
RN 849531-66-4 CAPLUS
 CN Benzenesulfonamide, N-(2-fluoro-4-methylphenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



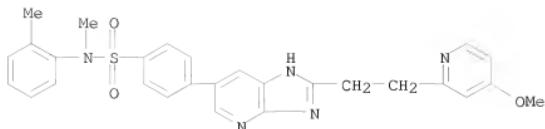
RN 849531-68-6 CAPLUS
 CN Benzenesulfonamide, N-(4-methoxyphenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



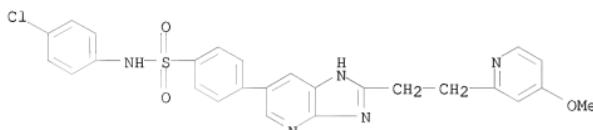
RN 849531-70-0 CAPLUS
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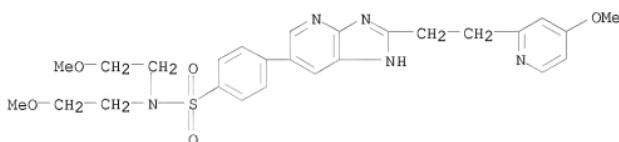
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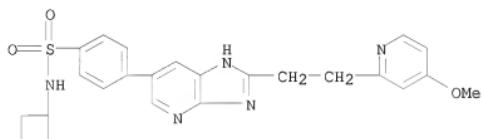
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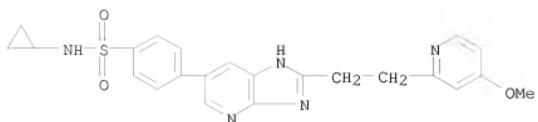
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RN 849531-82-4 CAPLUS
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RN 849531-84-6 CAPLUS
 CN Benzenesulfonamide, N-cyclopropyl-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:777790 CAPLUS

DOCUMENT NUMBER: 139:292156

TITLE: Preparation of alkoxyppyridines as inducible nitric oxide synthase (iNOS) inhibitors

INVENTOR(S): Boer, Rainer; Marx, Degenhard; Eltze, Manfrid; Klein, Thomas; Nave, Ruediger; Graedler, Ulrich; Fuchss, Thomas; Barsig, Johannes; Ulrich, Wolf-Ruediger

PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany

SOURCE: PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

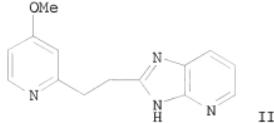
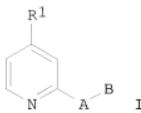
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

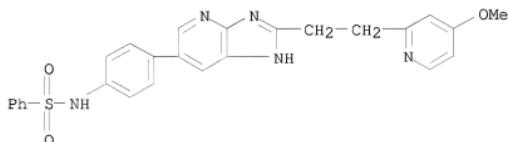
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| WO 2003080607 | A1 | 20031002 | WO 2003-EP3076 | 20030325 |
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| RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR | | | | |
| CA 2480385 | A1 | 20031002 | CA 2003-2480385 | 20030325 |
| AU 2003226706 | A1 | 20031008 | AU 2003-226706 | 20030325 |
| EP 1490366 | A1 | 20041229 | EP 2003-744851 | 20030325 |
| EP 1490366 | B1 | 20080123 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IB, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2003008785 | A | 20050111 | BR 2003-8785 | 20030325 |
| CN 1642955 | A | 20050720 | CN 2003-806917 | 20030325 |
| JP 2005525388 | T | 20050825 | JP 2003-578361 | 20030325 |
| NZ 535959 | A | 20060526 | NZ 2003-535959 | 20030325 |
| AT 384722 | T | 20080215 | AT 2003-744851 | 20030325 |
| IN 2004MN00462 | A | 20050218 | IN 2004-MN462 | 20040820 |
| MX 2004PA09283 | A | 20050125 | MX 2004-PA9283 | 20040923 |
| US 2005171125 | A1 | 20050804 | US 2004-509396 | 20040924 |
| US 7138399 | B2 | 20061121 | | |
| ZA 2004007766 | A | 20060628 | ZA 2004-7766 | 20040927 |
| NO 2004004633 | A | 20041223 | NO 2004-4633 | 20041027 |
| HK 1078850 | A1 | 20071109 | HK 2005-110611 | 20051123 |
| PRIORITY APPLN. INFO.: | | | EP 2002-7049 | A 20020327 |
| | | | WO 2003-EP3076 | W 20030325 |

OTHER SOURCE(S): MARPAT 139:292156

GI



- AB** Title compds. I [wherein R1 = alkoxy; A = alkylene; B = (un)substituted 3H-imidazo[4,5-b]pyridin-2-yl, 9H-purin-8-yl; their salts, N-oxides, and salts of the N-oxides] were prepared as inducible NO-synthase (iNOS) inhibitor for treatment of acute inflammatory diseases and chronic inflammatory diseases of peripheral organs and central nervous system (CNS). For example, II (m.p. = 116–117°) was prepared by cyclocondensation of Me 3-(4-methoxypyridin-2-yl)propionate (preparation given) with 2,3-diaminopyridine in the presence of polyphosphoric acid at 160° for 1 h. Selected invention compds. inhibited iNOS with $-\log IC_{50}$ (M) in the range of 7.03–7.55. Thus, I and their pharmaceutical compns. are useful for treating acute inflammatory diseases, chronic inflammatory diseases of peripheral organs and CNS and cancer (no data).
- IT** 608880-84-8, N-[4-[2-[4-Methoxypyridin-2-yl]ethyl]-3H-imidazo[4,5-b]pyridin-6-yl]phenylbenzenesulfonamide
- RL:** PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
- (inducible NO-synthase inhibitor; preparation of alkoxypridines as inducible NO-synthase inhibitors)
- RN** 608880-84-8 CAPLUS
- CN** Benzenesulfonamide, N-[4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 07:44:54 ON 06 MAR 2008
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FULL ESTIMATED COST                           18.75        197.32

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                            -2.40        -2.40

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